

OCT 1999

PTO/SB/08 (2-92)

Sheet 1 of 7

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 263742002801

Application Number 09/382,561

Applicant

Sutton et al.

Filing Date August 25, 1999

Group Art Unit ~~Unassigned~~ 1712

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
RDL	1.	06/25/57	2,797,201	Veatch et al.	—	—	
	2.	03/17/70	3,501,419	Bridgeford et al.	—	—	
	3.	02/10/76	3,937,668	Zolle	—	—	
	4.	05/19/78	4,089,800	Temple	264	4.6	
	5.	06/06/78	4,093,709	Choi et al.	—	—	
	6.	08/19/78	4,107,288	Oppenheim et al.	428	402.2	
	7.	11/28/78	4,127,622	Watanabe et al.	264	13	
	8.	12/26/78	4,131,648	Choi et al.	—	—	
	9.	02/06/79	4,138,344	Choi et al.	252	1	
	10.	04/03/79	4,147,767	Yapel et al.	—	—	
	11.	12/25/79	4,180,646	Choi et al.	528	153	
	12.	01/27/81	4,247,406	Widder et al.	252	62.53	
	13.	07/07/81	4,276,885	Tickner et al.	128	660	
	14.	02/23/82	4,316,341	Tickner et al.	73	861.25	
	15.	09/14/82	4,349,530	Royer	—	—	
	16.	11/02/82	4,357,259	Senyei et al.	—	—	
	17.	12/13/83	4,420,442	Sands	364	13	
	18.	04/17/84	4,442,843	Rasor et al.	128	660	
	19.	08/21/84	4,466,442	Hillman et al.	128	653	
	20.	02/25/86	4,572,203	Feinstein	128	661	
	21.	06/23/87	4,675,381	Bichon	530 <del>128</del>	<del>660</del> 343	
	22.	10/04/88	4,774,958	Feinstein	128	660.01	
	23.	02/28/89	4,808,408	Baker et al.	424	408	
	24.	07/04/89	4,844,882	Widder et al.	424	9	
	25.	12/19/89	4,888,398	Bichon et al.	525	420	
	26.	01/09/90	4,892,733	Bichon et al.	424	422	
	27.	02/13/90	4,900,540	Ryan et al.	424	9	
RDL	28.	09/18/90	4,957,656	Cerny et al.	—	—	

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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
ROL	29.	10/02/90	4,960,351	Kendall Jr. et al.	425	6	
	30.	11/06/90	4,968,562	Delgado	428	402	
	31.	01/01/91	4,981,625	Rhim et al	264	13	
	32.	02/18/92	5,089,181	Hauser	264	4.3	
	33.	08/11/92	5,137,928	Erbel et al.	521	56	
	34.	03/23/93	5,196,183	Yadelson et al.	424	9	
	35.	04/27/93	5,205,287	Erbel et al.	128	632	
	36.	01/10/95	5,380,519	Schneider et al.	424	9	
ROL	37.	06/20/95	5,425,366	Reinhardt et al.	128	662.02	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
ROL	38.	09/13/72	1 288 583	United Kingdom	—	—	
	39.	10/08/81	56-129035	Japan	—	—	
	40.	05/26/82	EP 052 575	Europe	—	—	
	41.	10/19/83	EP 091 555	Europe	—	—	
	42.	08/02/84	WO 84/02838	PCT	—	—	
	43.	01/09/85	EP 130 935	Europe	—	—	
	44.	01/16/85	EP 131 540	Europe	—	—	
	45.	11/12/86	EP 201 239	Europe	—	—	
	46.	11/20/86	EP 202 017	Europe	—	—	
	47.	07/02/87	WO 87/03891	PCT	—	—	
	48.	10/06/87	EP 224 934	Europe	—	—	
	49.	10/12/88	EP 286 424	Europe	—	—	
	50.	02/01/89	EP 327 490	Europe	—	—	
	51.	02/03/89	8903 873	South Africa	—	—	
	52.	02/07/89	227869	New Zealand	—	—	
	53.	06/28/89	EP 322 094	Europe	—	—	
ROL	54.	07/26/89	EP 324 938	Europe	—	—	

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation	
							YES	NO
RAJ	55.	08/08/90	EP 381 543	Europe	—	—		
	56.	08/22/90	EP 0 383 569	Europe	—	—		
	57.	11/15/90	WO 90/13730	WPO	—	—		
	58.	02/21/91	WO 91/01706	PCT	—	—		
	59.	04/25/91	EP 458 079	Europe	—	—		
	60.	04/25/91	EP 458 745	Europe	—	—		
	61.	05/16/91	WO 91/06286	WIPO	—	—		
	62.	07/11/91	WO 91/09629	PCT	—	—		
	63.	08/01/91	2 036 107	Canada	—	—		
	64.	09/05/91	WO 91/12823	PCT	—	—		
	65.	10/17/91	WO 91/15244	WIPO	—	—		
	66.	10/31/91	WO 91/16080	WIPO	—	—		
	67.	11/14/91	WO 91/16882	PCT	AGIK	9/14		
	68.	01/16/92	AU-A-80297/91	Australia	—	—		
	69.	04/01/92	EP 494 615	Europe	—	—		
	70.	04/16/92	WO 92/05806	WIPO	—	—		
	71.	05/19/92	04-145131	Japan	—	—		
	72.	10/15/92	WO 92/17212	WIPO	—	—		
	73.	10/15/92	WO 92/17213	PCT	—	—		
	74.	10/29/92	WO 92/18164	PCT	—	—		
	75.	12/30/92	EP 0 520 748	Europe	—	—		
	76.	02/18/93	WO 93/02712	PCT	—	—		
	77.	08/04/93	EP 0 554 213 A1	Europe	—	—		
	78.	09/16/93	WO 93/17713	PCT	—	—		
	79.	04/28/94	WO 94/08627	WIPO	—	—		
	80.	07/20/94	EP 606 486 A1	Europe	—	—		
RAJ	81.	08/24/94	EP 611 567 A1	Europe	—	—		

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(including author, title, Date, Pertinent Pages, Etc.)

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Examiner Initials	Ref. No.	Title
RL	82.	Aldrich et al. (1974) "Use of the spinning disk technique to produce monodisperse microspheres of Human Serum Albumin for labeling with radioisotopes" <i>Int J Appl Rad and Isot</i> 25:15-18
	83.	Allcock (1976) "Polyphosphazenes: New Polymers with Inorganic Backbone Atoms" <i>Science</i> 193:1214-1219
	84.	Angeloni et al. (1982) "The Mannich Bases in Polymer Synthesis: 3.* Reduction of Poly( $\beta$ -Aminoketone)s to Poly( $\gamma$ -Aminoalcohol)s and Their <i>N</i> -Alkylation to Poly( $\gamma$ -Hydroxyquaternary Ammonium Salt)s" <i>Polymer</i> 23:1693-1697
	85.	Barnhart et al. (1990) "Characteristics of Alunex. Air-Filled Albumin Microspheres for Echocardiography Contrast Enhancement" <i>Invest. Radiol.</i> 25:S162-S164
	86.	Baveja et al. (1986) "Microencapsulation of soluble pharmaceuticals" <i>J. Microencapsulation</i> 3:33-37
	87.	Beller et al. (1979) "Assessment of Regional Myocardial Perfusion by Positron Emission Tomography after Intracoronary Administration of Gallium-68 Labeled Albumin Microspheres" <i>J. Comput. Assist. Tomogr.</i> 3:447-452
	88.	Buchanan et al. (1969) "Labeling Albumin Microspheres with $^{113m}\text{In}$ " <i>J. Nucl. Med.</i> 10:487-490
	89.	Cheng et al. (1987) "The Production and Evaluation of Contrast-Carrying Liposomes Made with an Automatic High-Pressure System" <i>Invest. Radiol.</i> 22:47-55
	90.	Clausen et al. (1981) "Distribution of blood flow in the dog kidney. III. Local update of 10 $\mu\text{m}$ and 15 $\mu\text{m}$ microspheres during renal vasodilation and constriction" <i>Acta Physiol. Scand.</i> 113:471-479
	91.	Conte et al. (1994) "Spray Dried Albumin Microspheres Containing Nicardipine" <i>European J. Pharmaceutics and Biopharmaceutics</i> 40:203-208
	92.	Cremers et al. (1990) "Albumin-Heparin Microspheres as Carriers for Cytostatic Agents" <i>J. Controlled Release</i> 11:167-179
	93.	Deasy (1984) "Coacervation-Phase Separation Procedures Using Aqueous Vehicles" <i>Microencapsulation and Related Drug Processes</i> , New York: Marcel Dekker, Inc., pp. 61-69
	94.	Durand-Keklikian et al. (1988) "Microencapsulation of Oil Droplets by Aerosol Techniques - I. Metal Oxide Coatings" <i>J. Aerosol Sci.</i> 19:511-521
	95.	Ellison (1967) "Adaptation of the Spinning Top Generator to Provide Aerosols in the Respirable Range" <i>Ann. Occup. Hyg.</i> 10:363-367
	96.	English Language Translation of Japanese Patent No. 56-129035
	97.	English Language Abstract of Japanese Patent No. 04-145131 Patent Abstracts of Japan (JPO and Japio, 1992)
	98.	Feinstein et al. (1984) "Microbubble Dynamics Visualized in the Intact Capillary Circulation" <i>JACC</i> 4:595-600
RL	99.	Galyean et al. (1979) "Chromatography and Electrophoresis of Native and Spray-Dried Egg White"

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OTHER DOCUMENTS

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Examiner Initials	Ref. No.	Title
RDL		<i>J. Food Science</i> 44:1345-1349
	100.	Gramiak et al. (1969) "Ultrasound Cardiography: Contrast Studies in Anatomy and Function" <i>Radiology</i> 92:939-948
	101.	Grinstaff et al. (1991) "Air-Filled Proteinaceous Microbubbles: Synthesis of an Echo-Contrast Agent" <i>Proc. Natl. Acad. Sci. USA</i> 88:7708-7710
	102.	Gupta et al. (1989) "Albumin Microspheres I: Physico-Chemical Characteristics" <i>J. Microencap.</i> 6:427-462
	103.	Haghpanah et al. (1994) British Pharmaceutical Conference, King's College, London
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	107.	Kramer (1974) "Albumin Microspheres as Vehicles for Achieving Specificity in Drug Delivery" <i>J. Pharmaceutical Science</i> 63:1646-1647
	108.	Kwok et al. (1991) "Production of 5-15 $\mu$ m Diameter Alginate-Polylysine Microcapsules by an Air-Atomization Technique" <i>Pharm. Res.</i> 8:341-344
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	111.	Modler et al. (1978) "Calcium as an Adjuvant for Spray-Drying Acid Whey" <i>J. Dairy Sci.</i> 61:294-299
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	114.	Omotosho et al. (1986) "The nature of the oil phase and the release of solutes from multiple (w/o/w) emulsions" <i>J. Pharm. Pharmacol.</i> 38:865-870
	115.	Ophir et al. (1979) "Aqueous Solutions as Potential Ultrasonic Contrast Agents" <i>Ultrasonic Imaging</i> 1:265-279
RDL	116.	Ophir et al. (1980) "Ultrasonic Backscatter From Contrast Producing Collagen Microspheres" <i>Ultrasonic Imaging</i> 2:67-77

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Examiner Initials	Ref. No.	Title
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	119.	Porter et al. (1992) "The polyoxyethylene/polyoxypropylene block co-polymer Poloxamer-407 selectively redirects intravenously injected microspheres to sinusoidal endothelial cells of rabbit bone marrow" <i>FEBS Lett.</i> 305:62-66
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	129.	Shah et al. (1987) "An evaluation of albumin microcapsules prepared using a multiple emulsion technique" <i>J. Microencapsulation</i> 4:223-238
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RDL	133.	Violante et al. (1981) "Biodistribution of a Particulate Hepatolienographic CT Contrast Agent: A Study of Iodipamide Ethyl Ester in the Rat" <i>Invest. Radiol.</i> 16:40-45
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RDL	1.	03/26/96	5,501,863	Rosling et al.	424	489	

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	7.	Gupta et al. (1991) "Contemporary approaches in aerosolized drug delivery to the lung" <i>Journal of Controlled Release</i> 17:129-148
	8.	Hermens (1992) "Delivery of hormones: some new concepts" <i>Pharmaceutisch Weekblad Scientific edition</i> 14:253-257
	9.	Kim et al. (1985) "Asymmetric [ <sup>14</sup> C] albumin transport across bullfrog alveolar epithelium" <i>J. Appl. Physiol.</i> 59:1290-1297
	10.	Masinde et al. (1993) "Aerosolized aqueous suspensions of poly(L-lactic acid) microspheres" <i>International Journal of Pharmaceutics</i> 100:123-131
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	13.	Morén (1985) "Aerosol dosage forms and formulations" <i>Aerosols in Medicine. Principles, Diagnosis and Therapy</i> Moren et al (Eds.) Elsevier Science Publishers 261-287
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**RESEARCHER**  
**NAME:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_  
**LOCATION:** \_\_\_\_\_

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